



Next Generation Data Architecture

Certica brings together deep expertise in K-12 data systems based on the Ed-Fi® standard and technology, and a unique data and application integration platform-as-a-service.

Education organizations are grappling with a proliferation of disconnected applications and non-integrated databases. Educators are lacking access to high-quality data, ease-of-use is suffering, and end-user and vendor application support costs are considerable. Too often, a major new system implementation can throw an organization into tumult.

School districts, state education agencies and charter organizations are looking for better ways to integrate applications and data, and have learned that point-to-point synchronization between data systems is not sustainable.

Furthermore, first generation data warehouses and dashboards aren't providing an adequate enterprise foundation to serve a growing need for high-quality data.

Certica provides a centralized approach to data integration and application interoperability through the Certica Connect™ platform, supported by the Ed-Fi data standard and technology. Certica's Ed-Fi expertise centers around the acquired Austin-based Educuity team, whose founders were the creators of the Unifying Data Model and its associated data standards; designers of the extensible architecture of the Ed-Fi dashboards; and architects of the Ed-Fi 2.0 architecture and generative Ed-Fi API.

Next Generation Data Architecture supports both API and bulk data submission, to provide comprehensive application data integration, supporting uses such as reporting, analytics and rostering.

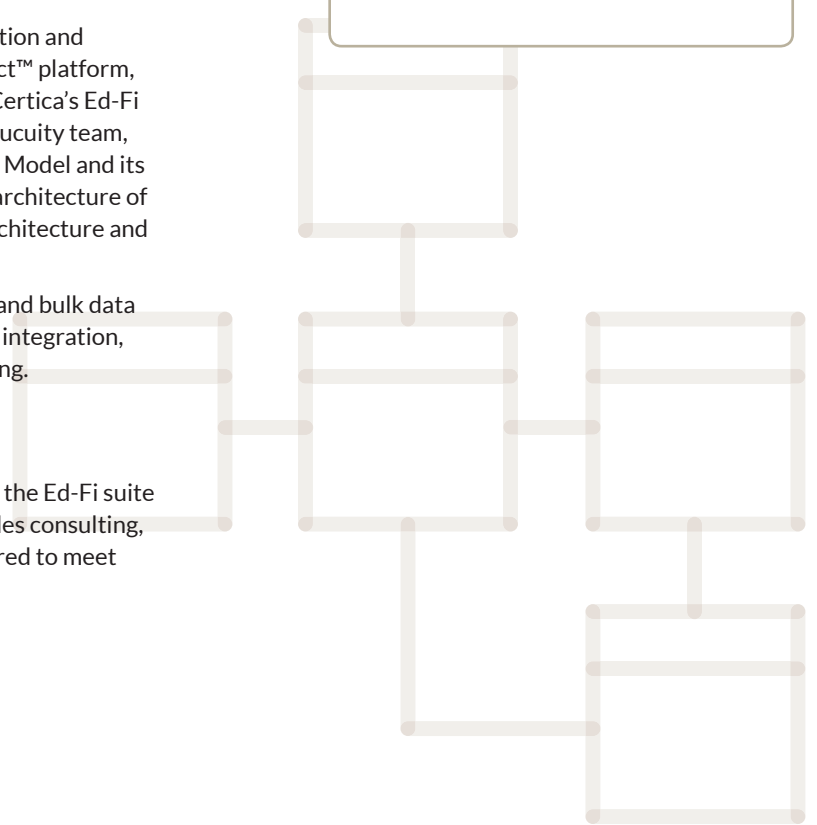
ASSESS, PLAN & EXECUTE

Certica helps education agencies realize the benefits of the Ed-Fi suite of data standards and technology assets. Certica provides consulting, design, architecture and implementation services, tailored to meet organizational goals and objectives.

YES PREP PUBLIC SCHOOLS

"Certica has deep experience in education data architecture and data management solutions, and their Next Generation Data Architecture approach aligned with our organizational and learning vision."

Richard Charlesworth, Vice President of Technology and Analytics, Yes Prep Public Schools, Houston, Texas



CONSULTING SERVICES FOR NEXT GENERATION DATA ARCHITECTURE

- Current-State Application Assessment and Requirements Definition
- Data Maturity and Readiness Assessment
- Design and Implementation Planning

ED-FI TECHNOLOGY IMPLEMENTATION SERVICES

Keen insight into organizational opportunities combined with next generation design provide the ingredients for a successful implementation. Certica applies lean manufacturing principles to build quality into an Ed-Fi data solution from the beginning, and to make it sustainable throughout its life cycle. Certica provides a range of Ed-Fi data and technology implementation services, from API and ODS to a data warehouse and dashboards, to suit the unique needs of each organization.

DATA GOVERNANCE PLANNING & IMPLEMENTATION SERVICES

Data powers the programs, decisions and initiatives which are the lifeblood of a local or state education agency. Ensuring that an organization manages data as a strategic asset is key to its success. Many education organizations are implementing enterprise data governance initiatives to ensure the integrity, relevance, timeliness and privacy of data. Certica can provide an extensive current-state analysis to an education organization, and partners with organizations on the design, training, implementation and change management associated with a comprehensive data governance plan.

Ed-Fi is a registered trademark of Ed-Fi Alliance, LLC.

About Certica Solutions

Certica is the innovator of the Certica Connect™ platform which provides application interoperability and centralized integration, access and enrichment of education data, metadata and content. The company partners with a diverse network of K-12 application and system vendors, as well as learning content and assessment providers. Certica also delivers solutions directly to more than 500 school districts and numerous charter school organizations, state education agencies and educational service agencies. Certica is based in Wakefield, Massachusetts and has offices in Harvard, Massachusetts; Cincinnati, Ohio; and Austin, Texas.

MORE INFORMATION

Learn how education organizations have planned and implemented comprehensive, sustainable, integrated data architecture, with expertise and guidance provided by Ed-Fi pioneers. For more information, contact Sales@CerticaSolutions.com, call 855.766.9916 option 1, or visit CerticaSolutions.com

